Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 19 Aug 2023 until 23:59 on Sunday 20 Aug 2023

Forecast Issued on Friday 18 Aug 2023 at 15:02

Confidence: High confidence for strong winds and unsettled conditions Friday night into Saturday. Low confidence for Monday and Tuesday due to a narrow band of rain and cloud in the area.

Headline for Saturday 19 Aug 2023: Windy with outbreaks of rain.

Mountain weather hazards on Saturday 19 Aug 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Cloudy	Cloudy	Cloudy	Dull
Precipitation probability							
90%	80%	40%	40%	20%	10%	10%	10%

Forecast for Saturday 19 Aug 2023

Weather: Rain will become generally lighter through the early hours, but the odd heavier burst is still possible before largely clearing by late morning. Generally becoming brighter during the afternoon but still windy, and with occasional drizzly showers continuing.

Chance of cloud-free hill tops above 600m: 80%

Low Cloud and visibility: Extensive cloud base 600-700m at first, but lifting to around 800m by the middle of the day. Cloud base is likely to drop back towards 700m in showers, and the highest peaks may only briefly clear. Poor visibility in cloud covering hills, and in drizzly showers, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 19 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/32 E	21/31 SE	25/35 S	24/34 S	26/37 SW	27/39 SW	22/32 SW	20/29 SW	19/28 SW
300	16/36 E	14/30 SE	16/33 S	16/34 S	18/37 SW	18/35 SW	14/29 SW	12/25 SW	12/24 SW
Valley	14/34 E	10/26 SE	14/32 S	14/32 S	16/34 SW	16/33 SW	13/28 SW	11/24 SW	12/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	14/11	13/9	13/9	15/10	15/10	14/10	12/9	12/9
300	15/13	16/14	15/13	16/13	17/14	17/14	16/14	15/13	14/12
Valley	17/14	18/17	17/14	17/15	18/15	18/15	18/15	16/14	16/14
Freezing Level*	4000m	2900m	3000m	3100m	2900m	2900m	2400m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height, making walking arduous. Navigation could be challenging on higher areas at times due to low cloud covering the hills. Watercourses may be swollen and paths are likely to be slippery after overnight rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 18 Aug 2023	0mm	0mm	0mm

Forecast for Sunday 20 Aug 2023

Weather: Occasional showers overnight Saturday into Sunday, but becoming largely dry by Sunday afternoon, with just the odd shower possible. Brighter, with sunny spells. Still quite breezy over higher ground, but much less windy than Saturday.

Maximum wind: Southwesterly 25 mph gusting 35 mph

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Fairly extensive cloud base around 600m at first, rising above most summits by the middle of the day and then clearing the highest tops and breaking up somewhat into the afternoon. Very good visibility.

Temperature: **Valleys:** Plus 14 Celsius becoming plus 20 Celsius
At 600m: Plus 11 Celsius becoming plus 15 Celsius
Freezing level: Above the summits

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